

Title: Base station downlink communication mode

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When a mobile device communicates in a cellular network, data is typically going in both uplink (UL) and downlink (DL) directions to ...

Downlink is the communication link from the base station to the phone. In CDMA networks, the downlink is called a forward channel, and the uplink is called a reverse channel.

Uplink refers to transmissions from a ground-based device (like a mobile phone) to a cell tower, while downlink refers to transmissions from the cell tower back to the ground device. Let's ...

Abstract--The aim of this paper is to develop hybrid non-orthogonal multiple access (NOMA) assisted downlink transmission.

This topic presents the communication flow between the 5G base station (gNB) and user equipment (UE) nodes, explaining the uplink (UL) and ...

In LTE (Long Term Evolution), "Transmission Mode" (TM) refers to the specific configurations and methods used for downlink transmission between the base station (eNodeB) and the user ...

This topic presents the communication flow between the 5G base station (gNB) and user equipment (UE) nodes, explaining the uplink (UL) and downlink (DL) transmission.

In 5G (fifth-generation) wireless communication systems, NR-DL Transmission Mode refers to the Downlink Transmission Mode in the New Radio (NR) standard. ...

To address this challenge, this paper proposes a DASR maximization approach using a feasible power allocation optimization method. The proposed approach is based on smartly allocating ...

We now move to the other scenario, full CSI both at the base-station and at each of the users.<sup>2</sup> We have studied the full CSI case in the uplink for single transmit and receive antennas in ...

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